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Feb 6, 1996

DERWENT-ACC-NO: 1996-147237

DERWENT-WEEK: 199615

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TITLE: Prepn. of sheet of nonwoven fabric of collagen fibre - by injecting acidic soln. of soluble collagen through spinning dyes into aq. conc. soln. of salt, cutting obtd. fibre and paper making

PATENT-ASSIGNEE:

ASSIGNEE

MITSUBISHI RAYON CO LTD

CODE

MITR

PRIORITY-DATA: 1994JP-0187900 (July 19, 1994)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC



JP 08035193 A

February 6, 1996

005

D21H013/34

APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 08035193A

July 19, 1994

1994JP-0187900

INT-CL (IPC): A61 L 15/16; D01 F 4/00; D21 H 13/34

ABSTRACTED-PUB-NO: JP 08035193A

BASIC-ABSTRACT:

Nonwoven fabric (F) is prepd. by injecting (C) an acidic soln. of a soluble collagen through spinning dies into an aq. conc. soln. of salt to coagulate it, giving (F1) a collagen fibre, cutting the fibre, dispersing the cut collagen fibres into an organic solvent or mixt. with water, and paper making to form (F) made from collagen fibre.

During or after paper-making (F1) fibres, (F2) a fibre absorbing living organism is pref. mixed or laminated with (F1). (F2) fibre is e.g. of chitin, chitosan, cellulose-oxide, polylactic acid or polyglycolic acid.

USE/ADVANTAGE - Used for an haemostatic material in surgery. The sheet has a rapid haemostatic function.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: PREPARATION SHEET NONWOVEN FABRIC COLLAGEN FIBRE INJECTION ACIDIC
SOLUTION SOLUBLE COLLAGEN THROUGH SPIN DYE AQUEOUS CONCENTRATE SOLUTION SALT CUT
OBTAIN FIBRE PAPER

DERWENT-CLASS: A96 B04 D22 F01 F04 P34

CPI-CODES: A03-C01; A11-A05; A11-B15C; A12-S05G; A12-S05L; A12-S05U; A12-V03; A12-
W06A; B04-C02A2; B04-C02E3; B04-C03C; B04-N02; D09-C; F01-C08C; F02-C01; F04-E04;
F05-A04; F05-A06E;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M431 M782 M903 P942 Q261 Q323 V752

Chemical Indexing M1 *02*

Fragmentation Code

J0 J011 J3 J321 K0 L8 L814 L834 M210 M21
M262 M281 M320 M423 M431 M782 M903 M904 P942 Q26
Q323 V714 V735 V741

Specific Compounds

03233M 03233Q

Chemical Indexing M1 *03*

Fragmentation Code

H1 H100 H121 K0 L8 L814 L834 M423 M431 M78
M903 M904 P942 Q261 Q323 V714 V735 V741

Specific Compounds

03882M 03882Q

Chemical Indexing M1 *04*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J1 J171 M280 M31
M321 M342 M349 M381 M391 M416 M423 M431 M620 M78
M903 M904 M910 P942 Q261 Q323 V714 V735 V741

Specific Compounds

00448M 00448Q

Registry Numbers

0448S 0448U

Chemical Indexing M1 *05*

Fragmentation Code

H4 H401 H481 H8 J0 J011 J1 J171 M280 M31
M321 M331 M340 M342 M349 M381 M391 M416 M423 M43
M620 M782 M903 M904 M910 P942 Q261 Q323 V714 V73

V741
Specific Compounds
00009M 00009Q
Registry Numbers
0009S 0009U

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0009S; 0009U ; 0448S ; 0448U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; R24034 G3714 P0599 D01 F70 ; S9999 S1183 S1161 S1070 ; S9999 S1070*R ; S9999 S1605*R ; S9999 S1581 Polymer Index [1.2] 018 ; ND01 ; ND07 ; Q9999 Q8582 ; N9999 N6439 ; N9999 N7192 N7023 ; Q9999 Q7818*R ; K9518 K9483 ; K9574 K9483 ; K9676*R ; Q9999 Q8026 Q7987 ; B9999 B4466*R Polymer Index [1.3] 018 ; N9999 N6962*R ; N9999 N5754 ; B9999 B3510*R B3372 ; N9999 N6279 N6268 ; N9999 N6020 N6008 Polymer Index [1.4] 018 ; A999 A475 Polymer Index [2.1] 018 ; R03233 D01 D11 D10 D23 D22 D31 D42 D50 D76 D88 F24 F28 F26 F34 F70 H0293 P0599 G3623 ; S9999 S1070*R ; S9999 S1581 Polymer Index [2.2] 018 ; R03882 D01 D11 D10 D23 D22 D31 D42 D50 D76 D86 F08 F07 F24 F28 F26 F34 H0293 P0599 G3623 M2313 ; S9999 S1070*R ; S9999 S1581 Polymer Index [2.3] 018 ; R01852*R G3634 D01 D03 D11 D10 D23 D22 D31 D42 D50 D76 D86 F24 F29 F26 F34 H0293 P0599 G3623 ; M9999 M2437*R ; S9999 S1070*R ; S9999 S1581 Polymer Index [2.4] 018 ; R00009 G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35 ; R00448 G2108 D01 D11 D10 D50 D60 D82 F27 F26 F36 F35 ; H0000 ; S9999 S1070*R ; S9999 S1581 Polymer Index [2.5] 018 ; ND01 ; ND07 ; Q9999 Q8582 ; N9999 N6439 ; N9999 N7192 N7023 ; Q9999 Q7818*R ; K9518 K9483 ; K9574 K9483 ; K9676*R ; Q9999 Q8026 Q7987 ; B9999 B4466*R Polymer Index [2.6] 018 ; B9999 B3383*R B3372

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-046324

Non-CPI Secondary Accession Numbers: N1996-123627

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